

PROJECT DESCRIPTION

THIS PORTION OF THE PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF US 40 AND JOPPA ROAD IN HARFORD COUNTY. US 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

AN EIGHT-PHASE, FULLY ACTUATED NEMA CONTROLLER HOUSED IN A BASE MOUNTED CABINET EXISTS AT THIS INTERSECTION. THE CONTROLLER OPERATES AS A SIX-PHASE, FULL-TRAFFIC-ACTUATED CONTROLLER WITH EXCLUSIVE-PERMISSIVE LEFT TURN PHASES FOR EASTBOUND AND WESTBOUND US 40. INSTALL VIDEO INTERFACE EQUIPMENT INTO THE EXISTING CABINET.

PHASING CHART

PHASING WILL NOT CHANGE

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR.

CATAGORY CODE NO.	QUANTITY	DESCRIPTION
120500	LS	MAINTENANCE OF TRAFFIC
585624	150 LF	FURNISH AND INSTALL 24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
585620	420 LF	FURNISH AND INSTALL 12 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
816005	4 EA	FURNISH AND INSTALL 250 FOOT VIDEO CABLE TO CONTROLLER
802145	2 EA	ADJUST EXISTING HANDHOLE TO FINAL GRADE W/COLLAR
810555	2 EA	FURNISH AND INSTALL MICRO-LOOP PROBE SET WITH 1000 FOOT LEAD-IN
816001	4 EA	FURNISH AND INSTALL VIDEO DETECTION CAMERA
816015	1 EA	FURNISH AND INSTALL VIDEO INTERFACE EQUIPMENT
870161	110 LF	FURNISH AND INSTALL 2 INCH DIAMETER PVC ELECTRICAL CONDUIT, SCHEDULE 80, PUSHED AND BORED
805160	15 LF	FURNISH AND INSTALL 1 INCH LIQUID TIGHT, FLEXIBLE, NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
811001	1 EA	FURNISH AND INSTALL HANDHOLE
862102	40 LF	FURNISH AND INSTALL SAW CUT FOR LOOP DETECTOR
870160	70 LF	FURNISH AND INSTALL 2 INCH DIAMETER PVC ELECTRICAL CONDUIT, SCHEDULE 80, TRENCHED

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY SHA AND INSTALLED BY THE CONTRACTOR.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

CONTACT PERSONS FOR DISTRICT 4 ARE AS FOLLOWS:

MR. RANDALL SCOTT
ASSISTANT DISTRICT ENGINEER - TRAFFIC
(410) 321-2781

MR. STEVE MARCISZEWSKI
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
(410) 321-2761

MS. SUENETTE POPE
ASSISTANT DISTRICT ENGINEER - UTILITIES
(410) 321-2841

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF, SR.
CHIEF, TRAFFIC OPERATIONS
(410) 787-7630

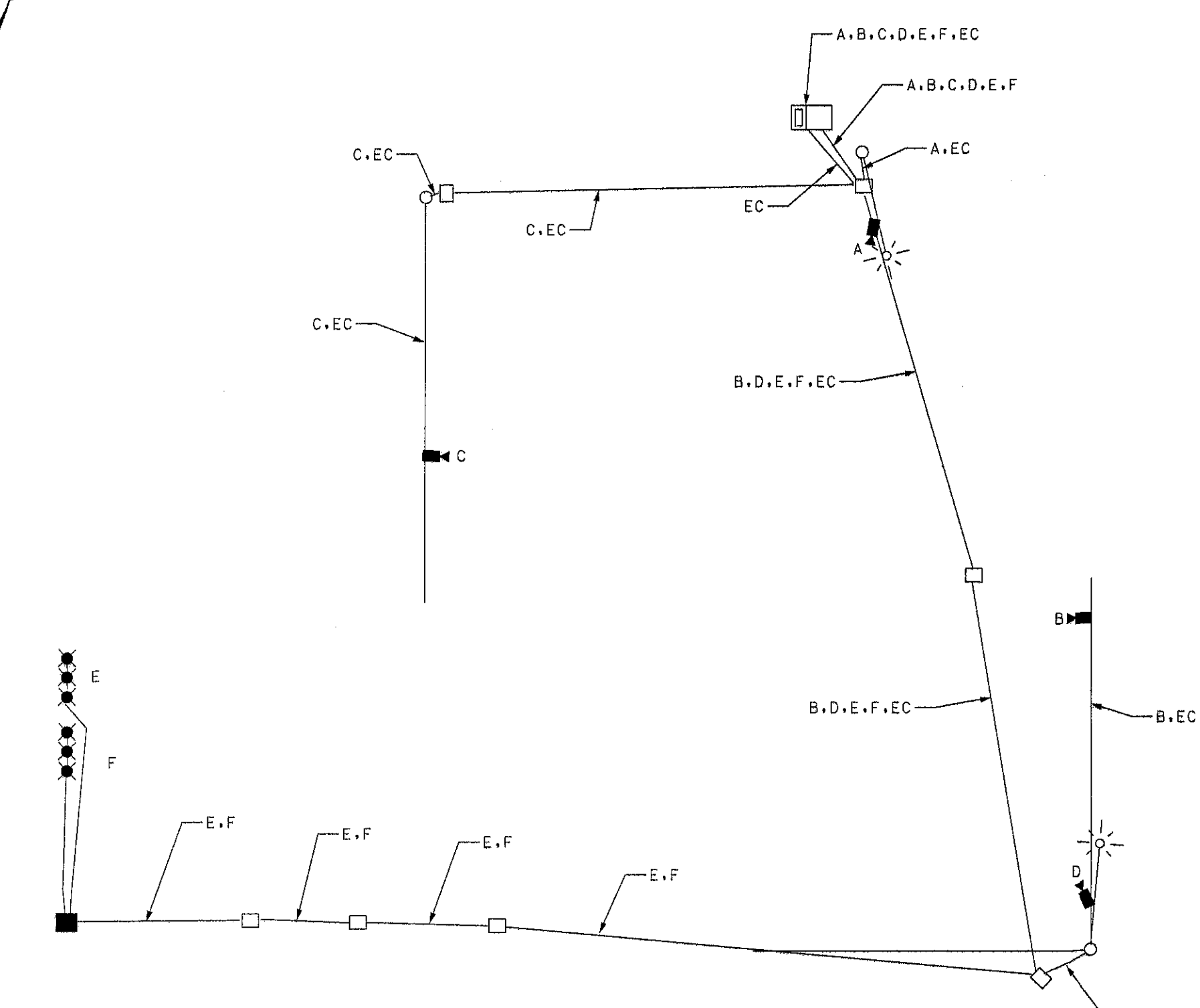
MR. EUGENE BAILEY
TEAM LEADER SIGN OPERATIONS
(410) 787-7676

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF,
TRAFFIC OPERATIONS
(410) 787-7631

MR. MIKE STOCKER
SUPPLY OFFICE
SIGNAL SHOP WAREHOUSE
(410) 787-7668

MR. ED RODENHIZER
TEAM LEADER SIGNAL OPERATIONS
(410) 787-7652

WIRING DIAGRAM



WIRING KEY

A-D VIDEO DETECTION 250 FT. PREMANUFACTURED CABLE
E-F MICRO-LOOP PROBE
ML MICRO-LOOP PROBE
EC EXISTING CABLE

EQUIPMENT LIST "C"

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

ALL SIGNAL EQUIPMENT TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR

TRAFFIC CONCEPTS, INC.

325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION
US 40 AT JOPPA ROAD

DRAWN BY: M.HOWELL	F.A.P. NO.	TS NO.	SHEET NO.
CHECKED BY: T.ZAYDEL	S.H.A. NO.	3727C_G1	
SCALE: 1" = 20'	COUNTY: HARFORD	T.I.M.S. NO. E-556	
DATE: 8-16-02	LOG MILE:	2 OF 2	